

## FACTS ABOUT

# Compliance Information for Small Fleets of 53-Foot Trailers

## Heavy-Duty Vehicle Greenhouse Gas Emission Reduction Regulation

The California Air Resources Board (ARB) has approved a new regulation to significantly reduce greenhouse gas emissions produced by certain heavy-duty tractors and trailers. The regulation requires the use of US EPA SmartWay verified aerodynamic equipment and low rolling resistance (LRR) tires. The regulation also provides exemptions and delayed compliance deadlines for certain refrigerated trailers, along with phase-in options and credit for early compliance.

### Who is subject to the regulation?

This regulation applies to all 53-foot or longer box-type trailers, including both dry-van and refrigerated-van trailers operating in California, and the heavy-duty tractors that pull them.

### How does the regulation define a small fleet?

A small fleet is any fleet of 20 or fewer trailers that operates at least some of their trailers in California. Fleets with 21 or more trailers are considered large fleets.

### What does the regulation require of fleets, and when will the requirements take effect?

This regulation applies to all affected vehicles operating on California highways, regardless of where they are registered. Owners of tractors subject to the regulation must either purchase a new SmartWay certified vehicle or retrofit existing tractors with low rolling resistance tires. Owners of trailers subject to the regulation must either purchase a new SmartWay certified trailer or retrofit an existing trailer with SmartWay verified aerodynamic equipment and low rolling resistance tires. Below are the required equipment and compliance deadlines for affected tractors and trailers.

### Tractor Requirements:

Affected Tractors*	Requirements	Compliance Date
2011 MY and newer HD sleeper cab tractors	SmartWay Certified	January 1, 2010
2011 MY and newer HD day cab tractors	LRR tires only	January 1, 2010
All 2010 or older MY HD tractors (including sleeper and day cabs)	LRR tires only	January 1, 2012

\*That pull 53-foot or longer box-type trailers in California

MY - model year

HD - heavy duty

LRR - low rolling resistance

### Trailer Requirements:

Affected Trailers*	Requirements	Compliance Date
2011 MY and newer dry vans	SmartWay Certified or retrofitted with LRR tires + 5% fuel saving aerodynamic technologies	January 1, 2010
2011 MY and newer refrigerated vans	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2010
2010 or older MY box-type trailers	Same requirements as dry vans or refrigerated vans, as applicable	January 1, 2013
2003-2004 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2018
2005-2006 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2019
2007-2008 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2020

\*Applies to 53-foot or longer box-type trailers in California

MY - model year

LRR - low rolling resistance

TRU - transport refrigeration units

Information about specific SmartWay verified technologies is available from the U.S. EPA website at: [www.epa.gov/smartway/transport/what-smartway/verified-technologies.htm](http://www.epa.gov/smartway/transport/what-smartway/verified-technologies.htm).

### Are there special compliance opportunities for small fleets?

Small fleets may take advantage of special compliance opportunities for their pre-2011 model year trailers. While all 2011 and newer model year trailers must comply as of January 1, 2010, small fleets can choose to phase-in compliance of their 2010 and older model year trailers as shown in the table below using the small fleet compliance schedule (or they can choose the large fleet compliance schedule described in the large fleet fact sheet). Otherwise, they can choose to meet the deadlines described above for all fleets. The small fleet compliance schedule below identifies the total percentage of trailers in a small fleet that must meet the requirements for each of the phase-in years. In order to take advantage of this compliance option, small fleets must submit a Small Fleet Compliance Plan by July 1, 2012.

### Small Fleet Compliance Schedule\*

Must Comply Before January 1 of:	2014	2015	2016	2017
% of Trailer Fleet That Must Comply	25%	50%	75%	100%

\*Applies to 2010 and older model year box-type trailers that travel in California

### What must be included in the Small Fleet Compliance Plan?

The plan for small fleets must include the following: statement of intent, trailer fleet list, small fleet base number and base list, and the annual conformance number and commitment list for years 2014 through 2017 for all affected trailers that will operate in California. The trailer fleet list identifies all trailers that are part of the fleet. The fleet base list identifies all affected trailers that will operate in California. The annual conformance number and commitment list must identify which trailers will be brought into compliance for each of the phase-in years, according to the percentage requirements identified in the previous table.

### Where and when should I submit the Plan?

Small fleet plans must be submitted to ARB by July 1, 2012 either electronically via our website at [www.arb.ca.gov/cc/hdghg/hdghg.htm](http://www.arb.ca.gov/cc/hdghg/hdghg.htm), or by mail to:

Air Resources Board  
Attn: ORHDD Section  
9480 Telstar Avenue, Suite 4  
El Monte, California 91731

### Will incentive funding be available to help small fleets?

Fleets may be eligible for financing through the following programs:

ARB Heavy-Duty Vehicle Air Quality Loan Program at:  
[www.arb.ca.gov/ba/loan/on-road/on-road.htm](http://www.arb.ca.gov/ba/loan/on-road/on-road.htm)

SmartWay Finance Center at: [www.smartwayfinancecenter.com](http://www.smartwayfinancecenter.com)

SmartWay Clean Diesel Finance Center at:  
[www.epa.gov/smartway/transport/what-smartway/financing-clean-diesel-info.htm](http://www.epa.gov/smartway/transport/what-smartway/financing-clean-diesel-info.htm)

### Where can I find more information about the regulation?

Please contact ARB's diesel hotline at (866) 6DIESEL (634-3735) or visit our website at [www.arb.ca.gov/cc/hdghg/hdghg.htm](http://www.arb.ca.gov/cc/hdghg/hdghg.htm).

To obtain this document in an alternative format or language please contact the ARB's Helpline at (800) 242-4450 or at [helpline@arb.ca.gov](mailto:helpline@arb.ca.gov). TTY/TDD/ Speech to Speech users may dial 711 for the California Relay Service.